

Memorable Accidents to this yeare 1648.

Since the Creation of the World	Since the Creation of the World to this year,	5597
	Since the flood,	3985
	Since the destruction of Troy,	2832
	the building of London,	2756
	the building of York,	2614
	England receiued the Christian Faith,	1467
	the Conquest by Duke William,	0582
	the Captiuitie of Babylon by Cyrus,	2286
	Ierusalem utterly destroyed,	1565
	the Iewes of Norwich circumcised a boy,	1237
Since the year of the World	the first foundatiō of Pauls, & clockes & dialls,	4573
	the Tower of London built,	1079
	London Bridge built with stone,	1211
	the Battle at Shrewsbury in Hen. 4th,	1405
	Bolloyne peised,	1555
	the Massacre in France,	1574
	the first Bayliffs in Shrewsbury,	1374
	Guns and Gunpowder inuented,	268
	Printing inuented,	189
	the Camp at Tilbury,	60
Since	the Gunpowder Treason,	43
	the great frost,	30
	the Earle of Essex beheaded,	43
	the great fire on London Bridge,	15
	Prince Henry dyed,	35
Since	Palgrave and Lady Elizabeth married,	35
	the building of the Royall Exchange,	83

Since

the New Exchange built,	3	alt
the New Prison Clarke well built,	3	alt
the Globe Play-House burned,	3	alt
Fire at London Bridge,	1	ful
King Charles progresse into Scotland,	1	
the new River brought to London,	3	
the first Plantation in Virginia,	4	
the blazing Starre and Queen Annes death,	3	
Smithfield paved,	3	
Chellic Colledge founded,	3	
Moore fields new railed & planted with trees,	3	
Aldgate new built,	3	
Suttons Hospitall founded,	3	
Aldersgate new built,	3	
the downfull in Black-fryars,	2	5
Duke of Buckingham slaine by Felton,	1	9
King Charles return from Spaine,	2	5
the Presse for Count Mansfield,	2	4
King James death,	2	3
a great plague in London whereof dyed	2	2
35418 and of other diseases 18849	2	2
the last Voyage to Cadiz,	2	3
new Englands Plantation,	1	8
the birth of Prince Charles, the next day	1	8
King Charles cometh to Paules,	1	8
the Duke of York born,	1	5
Paules began to be repaired,	1	4
Countrie Tom. and Canbury Bells executed,	1	4
Bensted rose against the Bish. of Canterbury,	8	
the Deputy of Ireland was beheaded,	7	
the Battell at Wainford, November 12.	2	6
and at Edge-hill, October 23.	3	6
the Voyage to the Ile of Rea,	2	2
the Princess Mary borne,	1	6
the Lady Elizabeth born, December 28.	1	3
the Lady Anne born, March 19.	1	2
On the 27 of March begins the 24 of K. Charles,	2	4



January hath xxxj dayes.

3 last quarter the 7 day, about 5 in the morning.
 3 New Moon the 14 day, half an hour past 6 at night.
 3 first quart. the 22 day, 3 quarters past 10 at night.
 1 Full Moon the 29 day, at 12 at midnight.

3	a	New year da	heart	4	36	17	8	21	3	39
4			belly	5	24	18	8	19	3	41
5	c		belly	6	12	19	8	18	3	42
6	e		loynes	7	0	20	8	17	3	43
7	e		loynes	7	48	21	8	15	3	45
8	f		loyn: s	8	36	22	8	14	3	46
9	g	Woolfish day	secrets	9	24	23	8	12	3	48
10	a		secrets	10	12	24	8	10	3	50
11		Sun in aqua.	thighes	11	0	25	8	8	3	52
12	c		thighes	11	48	26	8	6	3	54
13	d		thighes	12	36	27	8	5	3	55
14	e		knees	1	24	28	8	3	3	57
15	f	Hillary.	knees	2	12	29	8	1	3	59
16	g		legs	3	0	30	8	0	4	0
17	a		legs	3	48	1	7	58	4	2
18	b		legs	4	36	2	7	57	4	3
19	c		feet	5	24	3	7	55	4	5
20	d		feet	6	12	4	7	53	4	7
21	e		head	7	0	5	7	51	4	9
22	f	Esopne	head	7	48	6	7	49	4	11
23	g	Exception	head	8	36	7	7	47	4	13
24	a	Return	neck	9	24	8	7	45	4	15
25	b		neck	10	12	9	7	43	4	17
26	c	Term begin.	armes	11	0	10	7	41	4	19
27	d		armes	11	48	11	7	40	4	20
28	e		brest	12	36	12	7	38	4	21
29	f	Esopne	brest	1	24	13	7	36	4	24
30	g	Exception	heart	2	12	14	7	34	4	26
31	a	Return	heart	3	0	15	7	32	4	28
32		Septuages. sun	belly	3	48	16	7	29	4	31
33		Appearance	belly	4	36	17	7	27	4	32

February hath xxix dayes.

Last quarter the 5 day, half an hour past 3. afternoon.
 New Moon the 13 day, neere one afternoone.
 First quarter the 21 day, about 3 afternoone.
 Full Moon the 28 day, 3 quarters past 9 before noon

	Festivall and Law dayes.	Moons signe	ful Sea Lond.		Sun rise	Sun set
1	d	loynes	5 24	18	7 25	4 35
2	e	Buriall. Mary	6 12	18	7 23	4 37
3	f	Esopn. Exc.	7 0	20	7 20	4 40
4	g	Return.	7 48	C	7 18	4 42
5	a	Appearance	8 36	22	7 16	4 44
6	o	Sexagesima	9 24	23	7 13	4 47
7	c	thighes	10 12	24	7 11	4 49
8	d	thighes	11 0	25	7 9	4 51
9	e	knees	11 48	26	7 7	4 53
10	f	Esopne	12 36	27	7 5	4 55
11	g	Exception	1 24	28	7 3	4 57
12	a	Returne	2 12	29	7 1	5 59
13	o	Term ends	3 0	●	6 58	5 2
14	c	Valentine	3 48	1 6	56	5 4
15	d	head	4 36	2 6	54	5 6
16	e	First day lent	5 24	3 6	52	5 8
17	f	head	6 12	4 6	50	5 10
18	g	neck	7 0	5 6	48	5 12
19	a	neck	7 48	6 6	45	5 15
20	o	First sun. lent	8 36	7 6	43	5 17
21	c	armes	9 24	8 6	41	5 19
22	d	armes	10 12	9 6	38	5 22
23	e	breft	11 0	10 6	36	5 24
24	f	breft	11 48	11 6	34	5 26
25	g	heart	12 36	12 6	31	5 29
26	a	heart	1 24	13 6	29	5 31
27	o	2 Sund lent	2 12	14 6	27	5 33
28	c	belly	3 0	15 6	24	5 36
29	d	loynes	3 48	16 6	22	5 38

March hath xxxj dayes.

Last quarter the 6 day, a quar. past 4 in the morning.
 New Moon the 14 day, 3 quar. past 6 in the morn.
 First quarter the 22 day, at 3 in the morning.
 Full Moon the 28 day, a quart. past 6 at night.

1	d		loines	4	36	17	6	22	5	38
2	e		secrets	5	24	18	6	20	5	40
3	f		secrets	6	12	19	6	18	5	42
4	g		secrets	7	e	20	6	16	5	44
5	a	3 Sun. lent.	thighes	7	48	21	6	13	5	47
6	b		thighes	8	36	22	6	11	5	49
7	c		knees	9	24	23	6	9	5	51
8	d		knees	10	12	24	6	6	5	54
9	e		knees	11	e	25	6	4	5	56
10	f		legs	11	48	26	6	2	5	58
11	g	Sun in aries	legs	12	36	27	6	0	6	0
12	a	4 Sun. lent.	feet	1	24	28	5	58	6	2
13	b		feet	2	12	29	5	56	6	4
14	c		feet	3	0	30	5	54	6	6
15	d		head	3	48	1	5	51	6	9
16	e		head	4	36	2	5	49	6	11
17	f		neck	5	24	3	5	47	6	13
18	g		neck	6	12	4	5	46	6	16
19	a	5 Sun. lent.	arms	7	0	5	5	44	6	14
20	b		arms	7	48	6	5	42	6	18
21	c		brest	8	36	7	5	40	6	20
22	d		brest	9	24	8	5	38	6	22
23	e		heart	10	12	9	5	36	6	24
24	f		heart	11	0	10	5	33	6	27
25	g	Trinun. Ma.	belly	11	48	11	5	31	6	29
26	a	Palm Sund.	belly	12	36	12	5	29	6	31
27	b	R. Char. beg.	belly	1	24	13	5	26	6	34
28	c		loines	2	12	14	5	24	6	36
29	d	fast	loines	3	0	15	5	22	6	38
30	e		secrets	3	48	16	5	20	6	40
31	f		secrets	4	36	17	5	18	6	42

April hath xxx dayes.

Last quarter the 4 day, 3 quarters past 6 at night
 New Moon the 12 day, 3 quarters past 10 at night
 First quarter the 20 day, a quarter past 12 at noone
 Full Moon the 27 day, about 3 in the morning.

1	a		thighes	5	24	18	5	14	6	46
2		After day	thighes	5	12	19	5	12	6	48
3	b		thighes	7	c	20	5	10	6	50
4	c		knees	7	48	c	5	8	6	52
5	d		knees	8	36	22	5	6	6	54
6	e		legs	9	24	23	5	4	6	56
7	f		legs	10	12	24	5	2	6	58
8	g		feet	11	0	25	5	59	6	1
9	a	After Sunday	feet	11	48	26	4	57	7	3
10	b	Sun in Ta.	feet	12	36	27	4	55	7	5
11	c		head	1	24	28	4	53	7	7
12	d		head	2	12	29	4	51	7	9
13	e		neck	3	0	1	4	49	7	11
14	f		neck	3	48	2	4	47	7	13
15	g		armes	4	36	3	4	45	7	15
16	a	2 Sun. af. E.	armes	5	24	4	4	42	7	18
17	b	Quind. pas.	armes	6	12	5	4	40	7	20
18	c	Except. ret.	brest	7	0	6	4	38	7	22
19	d	Term begins	brest	7	48	7	4	36	7	24
20	e		heart	8	36	8	4	34	7	26
21	f		heart	9	24	9	4	32	7	28
22	g		belly	10	12	10	4	30	7	30
23	a	3 Sun. af. E.	belly	11	0	11	4	28	7	32
24	b	Tris Pasch.	loynes	11	48	12	4	26	7	34
25	c	Dark Evan	loynes	12	36	13	4	24	7	36
26	d	Fast	secrets	1	24	14	4	22	7	38
27	e	Return Ap.	secrets	2	12	15	4	20	7	40
28	f		thighes	3	0	16	4	18	7	42
29	g		thighes	3	48	17	4	16	7	44
30	a	4 Sun. af. E.	thighes	4	36	18	4	14	7	46

May hath xxxj dayes.

1st quarter the 4 day, a quart. past 11 before noon.
 1st Moon the 13 day, near 12 at noone.
 1st quarter the 19 day, at 6 after noone.
 full Moon the 26 day, at 11 before noone.

1	Phil. Jacob	knees	5	24	19	4	12	1	48
2	Esopne Ex.	knees	6	12	20	4	10	7	50
3	Returne	legs	7	0	21	4	8	7	52
4	Appearance	legs	7	48	22	4	6	7	54
5		legs	8	36	23	4	4	7	56
6		feet	9	24	24	4	3	7	57
7	Rogati. Sun	feet	10	12	25	4	1	7	59
8	Esopne	head	11	0	26	4	0	8	0
9	Exception	head	11	48	27	4	5	8	2
10	Return App.	head	12	36	28	3	5	8	4
11	Ascension Sa.	neck	1	24	29	3	5	8	5
12	Esopne	neck	2	12	30	3	5	8	6
13	Exception	armes	3	0	31	3	5	8	8
14	Return	armes	3	48	32	3	5	8	9
15	Term ends	breast	4	36	33	3	4	8	11
16		breast	5	24	34	3	4	8	13
17		heart	6	12	35	3	4	8	14
18		heart	7	0	36	3	4	8	16
19		belly	7	48	37	3	4	8	17
20		belly	8	36	38	3	4	8	18
21	Ascension Sunday	loynes	9	24	39	3	4	8	19
22		loynes	10	12	40	3	4	8	20
23		secrets	11	0	41	3	3	8	21
24		secrets	11	48	42	3	3	8	22
25		secrets	12	36	43	3	3	8	23
26		thighes	1	24	44	3	3	8	24
27		thighes	2	12	45	3	3	8	25
28	Trinit. Sun	knees	3	0	46	3	3	8	26
29	Trinit. Trin.	knees	3	48	47	3	3	8	27
30	Except. ret.	knees	4	36	48	3	3	8	28
31	Trinit.	legs	5	24	49	3	2	8	29

June hath xxxiij. dayes.

Last quar. the 3 day, half an hour past 4 in the morn
 New Moone the 10 day, half an hour past 12 at midn
 first quarter the 17 day, a quar. past 10 at night.
 full Moone the 24 day, 3. quarters past 10 at night

1	c	Return	legs	6	12	19	3	30	8	30
2	f	Term begin	feet	7	0	20	3	30	8	30
3	g		feet	7	48	21	3	29	8	31
4	a	1 Sun. Trin.	feet	8	36	22	3	29	8	31
5	b	Octab. Trin.	head	9	24	23	3	28	8	32
6	c	Exception	head	10	12	24	3	28	8	32
7	d	Ret. bzeb.	neck	11	0	25	3	28	8	32
8	e	Appearance	neck	11	48	26	3	28	8	32
9	f		arms	12	36	27	3	28	8	32
10	g	Sun in can.	arms	1	24	28	3	28	8	32
11	a	2 Sun. trin.	brest	2	12	1	3	27	8	33
12	b	Quind. Tri.	brest	3	0	2	3	27	8	33
13	c	Exception	heart	3	48	3	3	27	8	33
14	d	Return. bzeb.	heart	4	36	4	3	27	8	33
15	e	Appearance	belly	5	24	5	3	28	8	32
16	f		belly	6	12	6	3	28	8	32
17	g		loynes	7	0	7	3	28	8	32
18	a	3 Sun. Tri.	loynes	7	48	8	3	28	8	32
19	b	Tres Trin.	loynes	8	36	9	3	28	8	32
20	c	Excep. Ret.	secret.	9	24	10	3	28	8	32
21	d	Term ends	secrets	10	12	11	3	29	8	31
22	e		thighes	11	0	12	3	29	8	31
23	f		thighes	11	48	13	3	30	8	30
24	g	John Bapt.	knees	12	36	14	3	30	8	30
25	a	4 Sun. Tri.	knees	1	24	15	3	31	8	29
26	b		knees	2	12	16	3	32	8	28
27	c		legs	3	0	17	3	33	8	27
28	d		legs	3	48	18	3	34	8	26
29	e		feet	4	36	19	3	35	8	25
30	f		feet	5	24	20	3	36	8	24

July hath xxxi dayes.

Last quarter the 2 day, half an hour past 9 at night.
 New Moon 10 day, half an hour past 10 before noon.
 first quart. the 17 day, a quart. past 3 in the mozn.
 Full Moon the 24 day, a quart. aft. 11 before noon.

1	a		feet	6	12	21	3	37	8	23
2		5 Sun Tri.	head	7	0	C	3	38	8	22
3	b		head	7	48	23	3	39	8	21
4	c		neck	8	36	24	3	41	8	19
5	d		neck	9	24	25	3	42	8	18
6	e		neck	10	12	26	3	43	8	17
7	f		arms	11	0	27	3	45	8	15
8	g		armes	11	48	28	3	46	8	14
9		6 Sun Tri.	brest	12	36	29	3	48	8	12
10	b		brest	1	24	30	3	50	8	10
11	c	Sun in leo	heart	2	12	1	3	52	8	8
12	d		heart	3	48	2	3	54	8	6
13	e		belly	4	36	3	3	55	8	5
14	f		belly	5	24	4	3	57	8	3
15	g		loynes	6	12	5	3	59	8	1
16		7 Sun Tri.	loynes	7	0	6	4	0	8	e
17	b		secrets	7	48	7	4	2	7	58
18	c		secrets	8	36	8	4	3	7	57
19	d	Dog day beg.	thighes	9	24	9	4	5	7	55
20	e		thighes	10	12	10	4	7	7	53
21	f		thighes	11	0	11	4	9	7	51
22	g		knees	11	48	12	4	11	7	49
23		8 Sun Tri.	knees	12	36	13	4	13	7	47
24	b		legs	1	24	14	4	15	7	45
25	c	James Spott	legs	2	12	15	4	17	7	43
26	d	fall	legs	3	0	16	4	19	7	41
27	e		feet	3	48	17	4	20	7	40
28	f		feet	4	36	18	4	22	7	38
29	g		head	5	24	19	4	24	7	36
30		9 Sun Tri.	head	6	12	20	4	26	7	34
31	b		head	7	0	21	4	28	7	32

August hath xxxi dayes.

Last quarter the 1 day, a quarter past 2 afternoone.

New Moon the 8 day, at 7 in the evening.

First quarter the 15 day, 3 quart past 9 in the morn.

Full Moon the 23 day, near 2 in the morning.

Last quarter the 31 day, half an hour past 6 in morn

1	c		neck	8	36	C	4	26	7	34
2	d		neck	9	24	23	4	28	7	32
3	e		arms	10	12	24	4	30	7	30
4	f		armes	11	0	25	4	32	7	28
5	g		breſt	11	48	26	4	34	7	26
6	a	10 Sun Tri.	breſt	12	36	27	4	36	7	24
7	b		heart	1	24	28	4	38	7	22
8	c		heart	2	12	●	4	40	7	20
9	d		belly	3	0	1	4	42	7	18
10	e		belly	3	48	2	4	45	7	15
11	f		loynes	4	36	3	4	47	7	13
12	g	Sun in bīrg.	loynes	5	24	4	4	49	7	11
13	a	11 Sun Tri.	secrets	6	12	5	4	51	7	9
14	b		secrets	7	0	6	4	53	7	7
15	c		secrets	7	48	7	4	55	7	5
16	d		thighes	8	36	8	4	57	7	3
17	e		thighes	9	24	9	4	59	7	1
18	f		knees	10	12	10	5	2	6	58
19	g		knees	11	0	11	5	4	6	56
20	a	12 Sun Tri.	legs	11	48	12	5	6	6	54
21	b		legs	12	36	13	5	8	6	52
22	c		legs	1	24	14	5	10	6	50
23	d		feet	2	12	15	5	12	6	48
24	e	Barthol. Ep.	feet	3	0	16	5	14	6	46
25	f		head	3	48	17	5	16	6	44
26	g		head	4	36	18	5	18	6	42
27	a	Don day end.	head	5	24	19	5	20	6	40
28	b		neck	6	12	20	5	22	6	38
29	c		neck	7	0	21	5	24	6	36
30	d		armes	7	48	22	5	26	6	34
31	e		armes	8	36	C	5	29	6	32

September hath xxx dayes.

New Moon the 7 day, neare 3 in the morning.
 First quart. the 13 day, half an hour past 7 at night.
 Full Moon the 21 day, a quarter past 6 afternoone.
 Last quarter the 29 day, at 7 at night.

1	f		breſt	9	24	24	5	32	6	28
2	g		breſt	10	12	25	5	34	6	26
3	a	14 Sun Tri.	breſt	11	0	26	5	35	6	24
4	b		heart	11	48	27	5	38	6	22
5	c		heart	12	36	28	5	40	6	20
6	d		belly	1	24	29	5	42	6	18
7	e		belly	2	12	30	5	44	6	16
8	f		loynes	3	0	31	5	47	6	13
9	g		loynes	3	48	2	5	49	6	11
10	a	15 Sun Tri.	ſecrets	4	36	3	5	51	6	9
11	b		ſecrets	5	24	4	5	54	6	6
12	c		thighes	6	12	5	5	56	6	4
13	d	Sun in libra	thighes	7	0	6	5	58	6	2
14	e		knees	7	48	7	6	60	6	0
15	f		knees	8	36	8	6	25	5	58
16	g		knees	9	24	9	6	45	5	56
17	a	16 Sun Tri.	legs	10	12	10	6	65	5	54
18	b		legs	11	0	11	6	95	5	51
19	c		feet	11	48	12	6	115	5	49
20	d		feet	12	36	13	6	135	5	47
21	e	Michael Mo.	feet	1	24	14	6	165	5	44
22	f		head	2	12	15	6	185	5	42
23	g		head	3	0	16	6	205	5	40
24	a	17 Sun Tri.	neck	3	48	17	6	225	5	38
25	b		neck	4	36	18	6	245	5	36
26	c		neck	5	24	19	6	275	5	33
27	d	ſalt	armes	6	21	20	6	295	5	31
28	e		armes	7	0	21	6	315	5	29
29	f	Michael Tr.	breſt	7	48	22	6	345	5	26
30	g		breſt	8	36	23	6	365	5	24

October hath XXXj dayes.

New Moon the 6 day, a quar. past 11 before noone.
 First quar. the 13 day, 3 quar. past 8 in the morn.
 Full Moon the 21 day, a quar. after 11 before noon.
 Last qua. the 29 day, half an hour past 6 in the morn.

1		18 Sun Tri.	heart	9	24	24	6	38	5	22
2	b		heart	10	12	25	6	41	5	19
3	c		belly	11	0	26	6	43	5	17
4	d		belly	12	48	27	6	45	5	15
5	e		loynes	1	36	28	6	48	5	12
6	f		loynes	2	24	●	6	50	5	10
7	g		secrets	3	12	1	6	52	5	8
8		19 Sun Tr.	secrets	3	0	2	6	54	5	6
9	b		thighes	4	48	3	6	56	5	4
10	c		thighes	5	36	4	6	58	5	2
11	d		thighes	6	24	5	7	1	4	59
12	e		knees	7	12	6	7	3	4	57
13	f	Sun in scorp	knees	7	0	7	7	5	4	55
14	g		legs	8	48	8	7	7	4	53
15		20 Sun Tr.	legs	9	36	9	7	9	4	51
16	b		legs	10	24	10	7	11	4	49
17	c		feet	11	12	11	7	13	4	47
18	d		feet	11	0	12	7	16	4	44
19	e		head	12	48	13	7	18	4	42
20	f	Tres Mich.	head	1	36	14	7	20	4	40
21	g	Excep. return	neck	2	24	15	7	23	4	37
22		21 Sun Tr.	neck	3	12	●	7	25	4	35
23	b	Term begin	neck	3	48	17	7	27	4	33
24	c		arms	4	36	18	7	29	4	31
25	d		arms	5	24	19	7	32	4	28
26	e		breast	6	12	20	7	34	4	26
27	f	Elloyn Exc.	breast	7	0	21	7	36	4	24
28	g		heart	7	48	22	7	38	4	22
29		22 Sun Tri.	heart	8	36	●	7	40	4	20
30	b	Retur. Appe.	belly	9	24	24	7	41	4	19
31	c		belly	10	12	25	7	42	4	18

November hath xxx dayes.

New Moone 4 day, about half an hour past 9 at night.
 First quarter the 12 day, near 2 in the morning.
 Full Moone 20 da. (eclip.) half an hour past 6 in mor.
 Last quarter the 27 day, at 4 after noone.

1	d	21 Saines	loynes	11	c	26	7	45	4	15
2	e		loynes	11	48	27	7	47	4	13
3	f	Elloyn	secrets	12	36	28	7	49	4	11
4	g	Exception	secrets	1	24	●	7	51	4	9
5	a	Boinder Tr	secrets	2	12	1	7	53	4	7
6	b	Retur. Appe.	thighes	3	48	2	7	55	4	5
7	c		thighes	4	36	3	7	57	4	3
8	d		knees	5	24	4	7	58	4	2
9	e		knees	6	12	5	8	0	4	0
10	f		legs	7	c	6	8	1	3	59
11	g		legs	7	48	7	8	3	3	57
12	a	24 Sun. Tr.	legs	8	36	8	8	5	3	55
13	b		feet	9	24	9	8	6	3	54
14	c		feet	10	12	10	8	8	3	52
15	d		head	11	c	11	8	10	3	50
16	e		head	11	48	12	8	12	3	48
17	f		head	12	36	13	8	14	3	46
18	g	Elloyn. Exc.	neck	1	24	14	8	15	3	45
19	a	25 Sun Tr.	neck	2	12	15	8	17	3	43
20	b	Return	arms	3	c	16	8	18	3	42
21	c	Appearance	arms	3	48	17	8	19	3	41
22	d		breft	4	36	18	8	20	3	40
23	e		breft	5	24	19	8	22	3	38
24	f		heart	6	12	20	8	23	3	37
25	g	Elloyn. Exc.	heart	7	c	21	8	24	3	36
26	a	26 Sun Tri.	belly	7	48	22	8	25	3	35
27	b	Return.	belly	8	36	23	8	26	3	34
28	c	Term ends	loynes	9	24	24	8	27	3	33
29	d	fast	loynes	10	12	25	8	28	3	32
30	e	Andrew Ap.	secrets	11	0	26	8	29	3	31

December hath xxxj dayes.

New Moon 4 day, half an hour past 9 in the morn
 First quarter the 12 day, near 2 in the morning.
 Full Moon the 19 day, a quarter past 11 at night
 Last quarter 26 day, half an hour past 12 midnight

1	f		secrets	11	48	27	3	29	3	31
2	g		secrets	12	30	28	3	30	3	30
3	a	Advent Sun	thighes	1	24	29	3	30	3	30
4	b		thighes	2	12	30	3	31	3	29
5	c		knees	3	0	1	3	31	3	29
6	d		knees	3	48	2	3	32	3	28
7	e		knees	4	36	3	3	32	3	28
8	f		legs	5	24	4	3	32	3	28
9	g		legs	6	12	5	3	3	3	28
10	a		feet	7	0	6	3	32	3	28
11	b	Sol in capri.	feet	7	48	7	3	32	3	28
12	c	Shortest day	feet	8	36	8	3	32	3	28
13	d		head	9	24	9	3	32	3	28
14	e		head	10	12	10	3	32	3	28
15	f		neck	11	0	11	3	32	3	28
16	g		neck	11	48	12	3	3	3	28
17	a		armes	12	36	13	3	32	3	28
18	b		armes	1	24	14	3	3	3	28
19	c		armes	2	12	15	3	3	3	29
20	d		breast	3	0	16	3	3	3	29
21	e	Thomas Ap.	breast	3	48	17	3	3	3	30
22	f		heart	4	36	18	3	3	3	30
23	g		heart	5	24	19	3	2	3	31
24	a		belly	6	12	20	3	2	3	31
25	b	Christe birth	belly	7	0	21	3	2	3	32
26	c	Stephen 1 st	loynes	7	48	22	3	2	3	32
27	d	John Evang	feet	8	36	23	3	2	3	34
28	e	Amoents	secrets	9	24	24	3	2	3	35
29	f		secrets	10	12	25	3	2	3	36
30	g		thighes	11	0	26	3	2	3	37
31	a		thighes	11	48	27	3	2	3	38



THOMAS LANGLEY.

His Prognostication for this present yeere 1648.



Winter the sworn enemy to Summer, Brother to old age, the eater and devourer of that which Summer provideth; According to Astrononucall computation, begun the 13th: day of *December* last 1647, at which time the Sunne entred into the first minute of the Southerne Tropicall sine *Capricorne*, making the shortest day and longest night in the yeere, at which time he began his Northerne progresse to the Equator. This quarter of its owne nature (cold and dry) at which time the earth is at rest and doth cease to bring forth, that it may recover again the lost strength against Summer, from whence Winter most commonly bindeth the earth, which it warmeth and covereth as with a garment, and refreshment with store of Raine, for Snow and Ice are comfortable to Corne and fruit, and bringeth forth plenty of all things, and after the Sun hath accomplished his last degree under *Aquarius* and *Pisces*, he openeth the Earth with new and pleasant gales of wind, and prepareth the Spring time, and this is the proper temperament or moderation of every quarter in the yeere, which is alwayes to be considered in *Metrology*, lest we that speake of flowers in Winter, and Ice in Summer; the dryer this quarter, the wholesomer it is, too much cold killeth Trees in a warme region, especially the young and tender, a warme and a moist Winter is very unwholsom, and an enemy to husbandmen.

A Prognostication,

In this brumall quarter it is good to eat well, because this time mans stomach is of a good digestion.

The Diseases incident to this quarter are such as accompany old age, as Gour, Sciatica, Cough, Palsies, Shrinking of the Sinewes, trembling of the joynts, bleare-eyes, Straguries, Stone, Dropsies, and the pinching of old disease proceeding from the want of blood, swellings in the face, Laskes, Loosenesse, Tooth-ach, Cramps and Agues of sundry sorts.

Spring.

THE Winters revolution being fully finished, the Sun mounteth and moveth into the first degree of the first Equinoctiall line *Aries*, at which moment the Spring hath its beginning; now the dayes and nights are of an equal length, the Sun rising at 6 a'clock in the morning and setting at 6 at night, this quarter ends on the 12 day of June.

This quarter by nature is hot and moist, for then the Sun is come neere to the verticall point, and also to Stars of a hotter nature, causing thereby the dryer winds to blow, which is *Subsolana* and *Serenus* called the West winds whereby superfluous humors are wasted and consumed, the seed conveniently sown, and the ground stirred and made fit for to bring forth, and set forth forward Trees, Vines, flowers, and bedecketh the ground with grassie and herbs, but because the new and tender Corne lively sprung up, requireth moist showres, there ariseth in the morning with the Sun the *Pleyades*, *Orion*, the *Hinds*, and in the evening *Arcturus*, stars stirring up raines and moist winds, very dangerous for Saylers, the Sun coming to *Gemini* moveth a convenient time of temperament to the former season, A moist Spring makes fruit to rot and Weeds abound, if dry, Roses will be rank (but not sweet) if cold and dry, then will hard frosts fall at the end of the quarter, if wet with much South winds and the Summer winds dry, the next Summer Agues will be rife, a dry Spring with much northern winds, and a

wet

wet winter full of Southerne winds, which going before, causeth Women with children to be delivered before their time, or bring forth weak children, generally, if the quarter differ from its proper nature, the commodities of the earth will be bad and scarce.

The diseases of this quarter are such as are subject to Infancy, viz. Small-pox, Measels, Spots, Tooth-ach, Scabs, Squinancy, Kings evill, Ring-wormes, Faintings, Leprosy, Falling sicknesse, Shingles, Totters, Inflammations, Itches, and all such proceeding of corrupt blood.

Summer.

BEginneth at the Suns ingresse into the first minute of the Northerne fine *Cancer*, which will be on the 12th. day of *June*.

This quarter by nature is hot and dry, producing our Summer solstice, for even as the Sun when he entred into *Capricorne*, had his greatest South Declination from the Equinoctiall line, so now at his ingression into *Cancer*, he hath his greatest Declination to the North from the said Equinoctiall line.

If summer be over wet, Fruits will putrify, small store of Grayne, much sicknesse, if over dry, want of Grayne, but Summer fruits will be wholsome, fishes will dye in Ponds great sicknesse like to happen; to conclude, if cold the yeere will be wholsome but fruit will be rotten, mans stomack is now more weaker then before in the Winter quarter, and therefore slower of digestion, therefore use such coole and cold meats that do moisten and mitigate the nature of the quarter which is hot and dry.

The diseases of this quarter are griefes and torments in the Breast, ribs, and Spleene, Pushes in the face, Leprosie, bleared and sore Eyes, Plurisieis, sorrow, vexations, Feavers of Blood, Aposthumes, laundies, Inflammations, Pestilence such also as proceed from a dust choller and distempred corrupted blood.

Autumnus or Harvest.

This quarter beginneth the 13 day of *September*, when the Sun entreth into the first minute of the Equinoctiall line *Libra*, making the nights equall to the dayes. This quarter is by nature cold and dry, for the heat ceaseth with the Summer past, and although plentifull showers past do fall and the Vintage abundant, and the Winter seed time made more commodious, yet notwithstanding there doth remaine heat in the ayre, which by the Suns accessse to starres in *Sagittarius* is somewhat increased, and the moisture of the the earth drawn up, and the ground cherished and prepared for the Winter quarter, lest cold coming of a suddain might hurt the seed and Winter Corne, and may be termed our second Spring, being a fit time as was before in the Spring quarter to take Physick, provided with the advee of the learned Phisitian, and not of quacksalvers nor of women Doctors, who kill more then they cure.

If Autumne be moist, Grapes will putrify, if the beginning be dry, there will be much Fruit, if hot much Sicknesse and evils, if cold losse of Harvest, fruits in quantity, juice, and beaury.

This quarter because of the inequality of the temprature as *Hipocrates* saith, is the mother or nurse of many diseases, especially paines in the Back and privy parts, infirmities in the Face, quartern Agues, Dropsies, Vertigo, falling-sicknesse, Head-ach, Tooth-ach, Surfets, Dimnesse of sight, Rawnesse in the stomack, Back-ach, Purse-ach, which alwayes causeth hart-ach, from which and all such like, good Lord deliver us all, *Amen.*

Meats

Langley, 1648.

Meats good for the Body.

GRapes, Raisons of the Sun, Figs be-
fore meat, morning milke drunk fasting,
Bullets, Pigeons, Caponets, Hare, young
Doe; Beefe about 3 yeeres old, Rice, with
Almonds milke, small birds of the field, green
Cheese, Hen-eggs nee poched, Partridges, Pea-
sants, Fish out of stony Rivers, Chickens, &c.

Meats good to dry up Phlegme.

These be good for that purpose or else they
burne and enflame, viz. All sweet meats,
Garlick, Onions, Pepper, Rocket, Leeks,
and old wine measurably drunke.

Meats good to assuage heate.

New Cheese, Grapes, Lambes flesh, Cu-
cumbers, fresh fish, Cunger fish, Ebor-
ack, Braines, the inward parts of Beasts,
and meat full of sinewes.

To mitigate heat with coldnesse.

Beeffe, Hares flesh, Braine, Salt meats,
Vinegar, Fish old Cheese, hard Eggs,
Apples anripe, thicke wine, unlebened Bread,
milke well sodden to eat cold, Mell Fish,
brown Bread, Fennell, Bazill.

Good for the Head.

Cattincale, Marjoram, Rosemary, Bul-
l-negs, Roses, Bilop, Camomile, Rue,
Frankensence, and Sneezing,

A Prognostication

Good for the Heart.

Suamou, Safron, Cloves Mace, Buglosse, Burrage, Musk, Scetuell, Currall, Rosemary, Sweet Marjoram, and Nutmegs, Ginger, and Parigolds.

Good for the Stomack.

Quinces, Nutmegs, Safron, Wormewood, Currall, Mints, Cloves, Coriander, Anniseeds, London Treacle and Olives and Calers, good sauce, Oranges, Lemmons &c.

Good for the Eyes.

Fennell, Herbine, Cloves, cleere running water, Celendine, Lapis Calaminaris steeped in white Rosewater, Eyebright, all greene collours, to viein ground Ivy, new Uerjace, not salted, white Bread, and white Rosewater, Womans Milk, Rosewater, wash hands and face often, and wash behind your Eares, combe your head often drawing the Combe behind your Eares, from the Crowne of the head, sleepe not too much, take heed of Drunkenness and excessse, be not over violent in any exercise.

Good for the Liver.

Lettice, Liberwort, Violets, Rosewater, Fennell, Cloves, with washing your hands often in running water.

Good

Laugley, 1648.

Good for the Lungs.

Licozis, Almonds, Dates, Lungwort, Pe-
Lnidez, and good breathing in fresh ayre.

Evill for the Eyes.

To looke too much on the fire, all red col-
lours, Mustard, Garlick, and Onions, to
read or study too soon after meat, Leeks, Ra-
dishes, salt meats, Coleworts and Pulse,
thick Wine, smoke, dust, Bats blood, an old
proverb, to make one see as well by night as
by day, verified by any blind man.

Good for the Brayne.

To smell to Camomile, Musk and red Ro-
ses, to wash the temples of the head often,
with Rosewater, eat Sage measurably, drink
Wine the like, keepe thy body warme, wash
hands often, walk and sleep moderately, take
warmed broths, Mustard, Pepper, not to bee
troubled with much noise.

Naught for the Brayne.

Late Suppers, much sleep after meat. an-
ger, to smell unto white Roses, Garlick,
Onions, eating much milke, stand not long
bare headed, eat not hastily nor overmuch,
feed not too much of Baines, much sweat-
ing in labour or travell, and a besotted prac-
tise in drinking.

Qui ante non cavet, post Delebit.

A Prognostication.

Further Cautions.

TAKE no Physick in the Dog-dayes, neither in the extreame heat of Summer, or extreame cold of Winter.

Rise early in the mornings especially in *May* and *June*, and walke the fields after the filling of the Veynes with some good drinks or broths.

It is better to eat with some intermission then to eat much at one time, because the stomack may be clogged.

It is a signe of good digestion to be cold presently after meat.

Sup not too late at any time.

In the Spring blood encreaseth, therefore such meats are good that ingender good blood, as Peares, Apples, Cheefe, Milke, but all salt meats breed bad blood, use them therefore moderately, and in this quarter take Physick without any danger.

In Summer the pores be open of the body, whereby naturall heat is somewhat wasted, which makes digestion the more weaker, therefore let thy dyet bee more lesse then in the Spring, yea and such of an easie digestion, thereby to prejudice cold raw humors.

In Autumne, take heed of eating too much raw Fruits, lest you catch a Surfet thereon, this season is fitter to take Physick in then Summer.

In Winter the coldnesse of the ayre drives in naturall heat, whereby the stomack is made more able to digest any kind of meat so it be warme.

Fly wrath and envy, use mirth modestly, travell soberly, drinke before you wash in the morning, hot spices are naught in Summer, keep not excrements over long, fast not long in the morning, Sup betimes, keep in a pure ayre, walk not abroad in mists or fogs early or late, in all things observe measure, and in measure consisteth health.

Langley, 1648.

Geometricall Measures.

Three Barley-cornes in length make an Inch,
12 inches a Foot, 3 Foot a Yard, 5 yards and
half, or 16 foot and a half, make a Pole or Rod
to measure Land with, 40 of those Poles are a
furlong, and 8 furlongs make an English mile.;

In an English mile is contained 1760 yards,
2880 feet, 67360 inches, 1920080 Barley cornes,
in which is contained of Square : Poles 160, yards
840, feet 43560, inches 6272646.

In a foot of Board or Glasie is contained 144
square inches : In a foot of Timber is contained
1728 cubicall square inches (this is to be under-
stood to bee as square as a Die) and of such
the square quarters of Inches 110592.

To measure Timber is to multiply its square in its selfe,
and with that Product 1728 (the square Inches that are in
the foot) and the Quotient will shew how much in length
or one foot. Example. A piece of Timber being 8 In-
ches square, that being multiplyed in it selfe maketh 64,
by which if you divide 1728, the Quotient will be 27,
which shewes that when the piece is 8 Inches square, 27
Inches in length will make a Foot square, that is a foot of
Timber; and thus may you doe by any square.

The longest day at London is 16 houres and 30 minutes.

At Yorke 17 houres lack 3 minutes.

The longest day at Cambridge is 16 houres and 34 min-
utes longer then at London, and shorter by 24 min-
utes then the day at Yorke.

Nulla dies periret, periret pars nulla diei

Ne tu sic perireas, ne periret dies.

A Prognostication.

Of the Leape yeare.

Julius Cesar in the yeere of the World 1925, which was 4 yeeres before Christ, well noting the falsenesse and inconstancy of the yeere they then used, consisting of 365 dayes by the counsell of *Sossagenius* and other noble Mathematicians, appointed that the yeere should consist of 365 dayes and 6 houres with some seconds, so that thereby should be gotten every 4th. yeere one Day, which day they added, and thereby making 366 dayes, now in the Leape yeere or *Bisextile* of *Bis* and *sextus*, because the 6 day before the Kalends of *March* is twice repeated, which is the 25 day of *February* placed also in *February*, as well for that it is the shortest moneth, as also for that it is to our Churches accompt, it is the last moneth, so that the letter *F* is twice repeated together.

Saint *Mathias* being kept on the latter day, *F*, viz. The 25 day every Leape yeere is according to this verse.

*Bisextum sexte Martij, renuere calendi,
Posterior die celebratur festu Matthes.*

To know how long the Moone shineth every day.

If the Moon increase, find her setting and the Suns setting for so long as the Sun setteth before her, so long doth she shine, but if she be past the Full, as in the decreasing, see how much she doth rise before the Sun, and so long doth she shine also.

In the body of a perfect man are contained as followeth Bones, 217, Veines 365, and Teeth 32.

Profitable Rules for Gardening.

In the Southerne parts neere the Seas, Gardening may be done more timely then Northward, and in the mid st of the land

Langley, 1648.

- and, where the ayre is not so warme or favourable.
1. In setting herbs leave no more top then a handfull above the ground, and but a foot deep in the Earth.
 2. Twine the roots of those slips you set if they will abide it, but Gilly-flowers are too tender.
 3. Set also in moist weather, and sow in dry weather.
 4. Set slips at any time except about Midsummer or in Frost.
 5. Seeding spoyleth most Roots by drawing sap from them.
 6. Gather for the pot and Medicines tender and greene the sap being in the top, but in Winter the root is best.
 7. All herbs except Rosemary would be removed once a yeere.
 8. These require large plats Artichokes, Turnips, Carrets, Cabbages, Lettice, Onions, Safron, Licoris, Leekes, Parsly, Spinage, Parsnips, Radish roots.
 9. Gather your seeds, dead ripe and dry.
 10. Lay no dung to the roots of herbs, for dung not well rotted, is too hot even for Trees also.
 11. Thin setting and sowing, so that the roots stand not a foot off distant, is not profitable; for the herbs will like the better, and greater herbs require greater distance.
 12. Set and sow herbs in the time of their growth, but Trees alwayes in the time of their rest.
 13. A good Housewife that will gather her herbs for the pot about Lammes, and dry and pound them, in Winter will do her good service.
 14. Weed Gardens after a shower of raine.

Generall observations profitable.

Graft and plant Trees in the new of the Moon, in *Taurus*, *Virgo*, or *Capricorne*, the wind South or West.

Remove and set young Trees from *October* untill *March*, in the first quarter of the Moone, the wind at South or West, the weather warme and dry.

A Prognostication.

Cut Vines in *January* or *February*.

Fell great timber in *December* and *January*, in the last quarter of the Moone is best, but if you would have it to grow again, cut it down in the new of the Moone.

Cut hedges between the Change and the Full, from the end of *January* untill *May*.

Sheere sheepe, cut hayres, and Sow all manner of Corn in the increase of the Moone.

Set and sow all manner of Seeds, the Moone in *Aries*, *Taurus*, *Cancer*, *Virgo*, *Capricorne*, *Aquarius*, *Pisces*.

But the seeds whose roots bee round, should bee set or sowed, 3 or 4 dayes before or after the Full of the Moone.

Dung land that Weeds may not abound, in the last quarter of the Moone.

Gold or lib. Castell, the Moone in *Aries*, *Libra*, *Sagittarius* before the full of the Moone you may let them blood at any time, the Sine being not in the heart, nor in the place where the incision is to bee made, nor in the day of the Change of the Moone.

Gather fruits, herbs and flowers to keep, after the Moone is at Full.

Of all fruit Cherries bee soonest ripe for the most part, but not all at one instant, the reddest be alwayes the ripest, and must bee gathered by the stalkes and handled as little as may bee, lay them as thin as you can, least by taking of heat they loose the glory of their colour.

Plums when no part of the fruit cleaves to the stone, be perfectly ripe, if you gather them before they fall down of themselves, they may be kept being spread thin upon Vine leaves or Nettles.

Beares must be gathered when they have their full growth which is when the kernels lye hollow in the Cores, and are black on the one end, now to have them last longer, lay them one by an other upon a boarded floore made of wands without Straw or Earne.

Apples

Langley, 1648.

Apples being dry gathered in the old of the Moon, will be kept, if every sort be laid by it self without any fallings among them, upon boards or a plastered floore till St. Andrews ride, the thinner they lye the better, let the place be shut close in the frosty weather and extreame cold, and not from fire.

In faire weather the ayre must be let in, but in the daye for feare of moldinesse, in frost to cover them thick with fine Hay or Barley chaffe, will not be much amisse very expedient.

Wardens will last longest being gathered in the last quarter of the Moone, being laid upon dry boards without further covering at all.

Judgement of Complexions by the nayles of the hands.

The nayles do shew the goodnesse or badnesse of the hart, and therefore of the Complexion, for if they be somewhat red, they do betoken choller well tempred, but if they be inclined with red somewhat to blacknesse, that betokeneth Sanguine Complexion, but if they be yellowish or black they signifie a melancholly Complexion, &c.

Short notes Chyrurgicall and Physicall.

Bleed not at all except urgent cause, and with the safe advice of the learned Physitian, the Spring time is best, harvest indifferent, bleed not in the heat of Summer, nor in the extreame cold of Winter.

More particularly for Complexion, let blood the Cholericke, when the Moon is in *Cancer*, *Scorpio*, *Pisces*, in any place of the body except in the breast, members or feet, now for the Phlegmatick when the Moone is in *Aries* and *Sagittarius*, in any place except the head and thighs, for melancholly persons; when she is in *Libra* or *Aquarius* in any place except the buttocks and legs; and for the Sanguine Complexion, let blood in any of the former Sines, so that it be done with consideration and advice.

Purgine

A Prognostication.

~~Purging.~~

Good lines generally to purge in when the Moon or Sun is in *Cancer, Scorpio, Pisces*, Purge not when the Moon is in any of these signes, ~~or in~~ *Taurus, Capricorne*.

~~Bathing.~~

You may enter into Baths from the beginning of *November* to the end of *September*, when the Moone is in *Arcturus*, or *Sagittarius*, 2 or 3 dayes after the Change, or at full when the Sun is of a good height, for then the misty & corrupt matters are drawn from the Earth. Bath for cleanness, the Moone having her course in *Libra* or *Pisces*. Bath not when the Moone is in any of these signes, *Taurus, Virgo, Capricorne*.

~~Sweating.~~

It is good to sweat when the Moone is in these signes, *Arcturus, Sagittarius, Cancer, Scorpio, Pisces*, and it is better to sweat in the evening then in the morning.

The short view of Astronomy.

The World is a perfect composition of all things, but is finite: adorned with all kind of formes and shapes of bodies which in all parts are procreated and do appeare, as first created by God as well in earth as in heaven, by Word only of nothing, to the end the same may be a proper mansion place for man, in which he might behold his daily, and make his glorious workes manifestly known. *Aristotle* maketh two definitions of the World, The first that it is an apt frame consisting of Heaven and Earth, and of all Celestiall and Terrestriall Bodies, and of other small things therein contained.

The other, that it is a body perfect, of forme round, containing the ordinances and descriptions of bodies creat

Langley, 1648.

God totend unto a purpose; And is divided into two parts,
by Elementall, and Ætheriall; The first is subject to
daily alterations, and containeth 4 Elements, viz. Earth,
Ayre, Fire, and Water, An Element is that whereof any
thing is compounded, and of it selfe not compounded;
of these 4 Elements any part of any kind is also named for
the whole: as any part of the Earth is called Earth, and so
of the rest: of the commixion of them is ingendred divers
things of sundry kinds, as well vegative as sensitive, ratio.
nall, or irrationall, and every of these Elements nourisheth
living creatures; as the Salamander in the fire, which is
but an imperfect Element, because mixt with earthly mat-
ter; the Camelion by the ayre, and birds that live there,
fishes in the water, Moales and Wormes in the earth, Man
and beasts on the earth. The superficiall convexity of any of
these, as also the Planets resting on the superficiall conca-
vity of the next superiour Planet and Element: As the Earth
hangeth in a concavity of the Water, the water in the con-
cavity of the ayre, the ayre in the concavity of the Fire: as
Scales of Onions inclosed one within another. The Earth
is a round body like a Ball, darke and yellow, without all
concavity hangeth in the middest of the World by the pro-
vidence of God, being but as the point of a pen in respect
of the heavens, cold and dry by nature. The water cold
and moist, the ayre warme and moist, the fire hot and dry;
each Element participating with the other; as Fire with
Ayre in warmenesse, the ayre with the Water in moistnesse,
the Earth with the water in coldnesse, with the fire in dri-
ennesse; So that two Elements be extreemly contrary. As the
Fire warme and dry, it is contrary to the Water cold and
moist; and the Ayre warme and moist, is contrary to the
Earth, cold and dry, and yet have equality passive predom-
inating: as the fire exceeding in heat, the water in cold-
nesse; by participation and commixion of bodies per-
fect, as also imperfect which are ingendred and commixed.

Æthe.

A Prognostication.

Aetheriall or *Celestiall* parts of the world doth also comprise there in the concavity thereof all the Elementall Region, and hath in it the 7 Planets, and their Sphaeres; Now the reason how the sphaeres were first found out, were their contrary motions in the heavens; All the heavens turning about the earth upon the Poles in 24 houres, and these motions are from the East unto the West; And this we attribute unto the motion of the 10.th sphere as *Primum mobile* without stay, being so appointed by God from the beginning and so carried about with a contrary motion, every one in his kind contrary to the former from the West unto the East, and so are wheeled about oftentimes by the first Moover before they make a full revolution of themselves.

The next *Sphaere* is the *Crystalline*, being the 9th, and is almost insensible, and is perfected in 49000 yeeres, the rest of the Sphaeres are the 7 Planets, each Sphaere containing but one starre.

The uppermost, and slowest, is called *Saturne*, of a pale colour, performeth his course in 30 yeeres, the greatnesse of his body exceeding the earth 22 times, and distant from the earth 9073000 millions of miles.

Jupiter performeth his course in the *Zodiaque* in 52 yeeres of colour faire and bright, his corpulency exceedeth the earth 14 times, and distant from the earth 3431400 miles.

Mars finisheth the tract of the signifier in 2 yeeres, of a fiery colour, lesse then the earth 13 times, and distant from the earth 1500700 miles.

The *Sunne* cleere and bright, passeth through the *Zodiack* in 365 dayes 5 houres 46 minutes, the bignesse of his body is greater then the earth 140 times, and distant from the earth 98900 miles.

Venus cleere shining, finisheth her course in a yeere, and is lesse then the earth 6 times, and distant from the earth in her swifter motion as the Sun.

Mercury somewhat shining, endeth his revolution in two years.

compare, and is lesse then the earth 19 times, and distant from
the earth in his mean motion as the Sunne also.

The *Moone* the lowest of the Planets, dispatcheth her
course in a month, and is lesse then the earth 41 times and
distant from the earth 48790 miles.

If any desire to know, why these Spheares being many,
are not subject to sight, but seeme as one intire body; the
reason is, becaule they be bodies prospicuous and cleere, and
transparent starres are of the same matter as the heavens or
spheare wherein they are fixed, yet farre more thick and
apt to retaine the light of the Sunne: for as the light of a
candle passeth through a hole on the rooffe of a dark house,
and the light of the sunne will appeare and make that part
shining to sight, whereas the contrary would happen in a
light and perspicuous place, neither do they twinkle, onely
our eyes be deceived by the far distance of them, and also
the motions of the ayre.

The 7 Planets seeme not to twinkle to us, (because they
be far more neere unto us, their beames more stronger; for
the more neer the lights are neer unto us, the more violent
are the beames proceeding from the same) when the Stars
seeme to shoot, look for wind in that quarter: Also a cir-
cle about any of the Planets, look for raine.

Now how to find when the Sun and Moone shall bee E-
clipsed and when not, observe if the apparent Latitude of
the Moone of the same time of the visible conjunction bee
lesse then 30 minutes and 40 seconds, there must be an E-
clipse: But if the apparent Latitude of the Moone be more
then 34 minutes 51 seconds, there cannot be an Eclipse.

Therefore if the apparent latitude bee more then 30 mi-
nutes 40 seconds, and lesse then 34 minutes, 41 seconds,
there may be an Eclipse of the Sun.

Now if the Moone at the time of her true Opposition to
the Sun, shall be distant from either of these two Sections
called the Dragons head thus noted, or the Dragons
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taylor

A Prognostication,

sayle 28, lesse then 10 degrees 21 minutes, and 20 seconds. Then must the Moon suffer an Eclipse; but if her distance (as before) be more then 13 deg. 5 min. 23 seconds, then the Moone (at that full cannot be Eclipsed-

Therefore if her distance be more then 10 degr. and 21 minutes, 20 seconds, and lesse then 13 degr. 5 minutes and 23 seconds, then she may happen to be Eclipsed, but not necessarily.

Now for the Rising and setting of the Sunne observe.

As 5 many minutes as the Sun riseth before 456789

So 7 many minutes hee setteth after 276543. And when

The Day is, 8, 9, 10, 11, 12, 13, 14, 15, 16. } Houres
The Night is, 16, 15, 14, 13, 12, 11, 10, 9, 8. } long.

The Eclipse of the Sunne is the interposition of the body of the Moone betwixt us and the Sun, and is never Eclipsed but at a new Moone. The Sun setting in a cloud look for raine, but setting bright and cleere, faire weather.

The Moones Eclipse is the interposition of the body of the Earth betwixt us and the Sun, and is eclipsed at a full Moone, not at every full, no more then the Sun is at every new Moone, the Moone presently after change appearing red, winds and tempestuous weather: againe, if upon her Change she incontinently at her top or highest looke back, she foresheweth raine, and a wet moist first quarter, but if she be onely obscured about the middle of her, she prognosticateth a faire full Moone, and last quarter of the same.

The Rainebow is made by the Sun beames striking on a hollow cloud, the edge repelled, and is a signe and token that God remembreth his promise to man never to drowne the world againe. If two Rainebowes appeare looke for raine. A Rainbow after raine, faire weather, the Rainbow red, lightning. The time of the Rainbow is often after the point of Autumne, both for the placing of the Sun in competent, and longness, and also for abundance of matter: sel-

dome

Largley, 1648.

come or never is the Rainebow scene about the middest of summer. There be two kinds of Rainebowes, one of the sun, another of the Moone, the one by day, the other by night, the Rainebow of the Sun often, but of the Moon very seldom, insomuch that it cannot be but twice in 50 yeeres, and that when the Moone is East or West, full in perfect opposition.

Circles about the Sun, Moone, or Starres, look for wind and Tempest. A circle about the Moone, betokeneth great frost to follow after: but if it vanish away, and be dissolved, is a signe of faire weather, if it be broken by parts, it signifieth Tempest, if it wax altogether thicker and darker, moreaine threatned.

The Milky way, or white Circle by us scene in the firmament, and scene in the night passing by the signes *Sagittarius* and *Gemini*. *Possidonius* saith, it is the infusion of the light of stars, which therefore is in a Circle contrary to the zodiaque, out of which the Sun never wandroth, because it by right temper the whole Compasse with vitall and lively health, this may be the finall, but not the efficient cause.

Strange and wonderfull Apparitions seen oft in the ayre, Armies fighting, Castles, Cities, Townes, Countries, Hills, Vallies, Rivers, Woods, Beasts, Men, Fowles, Monks, Bishops, Burials, Processions, Men, Women, Horses; these may be caused two manner of wayes, Artificially, and Naturally; Artificially, by certain glasses and instruments, made according to a secret part of that knowledge which is called *Coloprice*; and so peradventure some of them have been caused, but the most part doubts naturally, when the disposition of the ayre hath been such, that it hath received the image of many things placed and done on the earth; and because it is apt to receive divers images, aswell in one place as in another, these monstrous formes and actions proceed, to forewarne us of many dangers hanging over our heads in perilous times.

A Prognostication.

Clouds are vapours, cold and moist, drawne from the North, out of the waters, by the heat of the Sun, into the middlest region of the ayre, and by cold knit together, and hangeth untill its own weight as some resolution make fall, and that is raine, clouds fleeing in the East, Raine riding apace in the ayre, winds from that Coast, the winds coming from the North and South. Signes and tokens of raine are, if the Sun in the East seeme greater than commonly hee appeareth, it is a signe of many vapours which will bring raine; and being seene very early, or few stars appearing in the night, the often change of the wind, Tempest; the Southern winds which with his warmenesse alwaies resolveth clouds into raine, when there is no dew at such times as by nature of the times should; If in the West about Sun setting, there appeareth a black cloud, raineth that night, when much dust is stirred up, and when the woods make a great noise, Tempest; hard stones will be wet and moist, Lamps and candles sparkle, Frogs croaking, leaves falling, dust clottering, Tempest; Fleas, flies, and gnats biting, Kine feeding greedily, and Birds seeking food busily, soot falling from the Chimney, Wenscot and Lute strings cracking, Moles casting up the earth, &c. Prodigious raines are ingendered: as Wormes, Frogs, Fishes, blood, milke, flesh, stones, Wheate, Iron; when her exhalations are drawn up into the Ayre by a temperature hot and moist, such may be generated in the ayre, as they are on the earth, without the copulation of Male and Female by the exhalation, their seed and egges drawn up, which being in the clouds brought to forme, fall down among the Raine.

The like by the spawn of the Fishes. And the vehemence of the Sunne in summer, and more especially, in hot Countries, draweth milke up out of the paps of Beasts which being carryed up in vapours, and resolved again into milke; falleth down into raine: after the same manner
whom

Langley, 1648.

where quantity of blood hath been spilt in great measure, and so it raineth blood; it raineth flesh when great quantity of blood is drawn up, and clotted together there, and seemeth to bee flesh; so exhalations that bee earthy, and drawn out of Clay, having most grosse substance among them gathered together, and by great heats burned in the Clouds, make brick-batts, and is no great marvell; so wheat and other graine in hot Countries.

Signes of hot and soultry weather, are many Ratts flying abroad sooner then ordinary; white mists arising out of Moores or Waters, either before or after sunne: Kites also flying into the ayre, Crows and Ravens gaping against the Sun; Flyes playing in the sun-shine towards night; Dogs lolling out their tongues, Dorres and Beetles flying in the evening, &c.

Dew is a vapour, which in the Spring and Harveſt drawn up by the Sun in the day, and abideth in the lower Region, by the cold of the night is condensed into water, and so falleth in small drops in a temperat coole time, white Frost is a dew much congealed: South and West winds cause dew, but North and Northeast congeale them, making the Frost. Store of snow falling on the plaine, the Frost will break. Hoare Frosts do often stinke, because of the stinking matter whereof it consisteth, being drawn out of lakes and such stinking places. Hayle is a hot vapour in the middle Region of the Ayre, by that Region made thick into a Cloud, which falling down to the suddain cold of the lower Region, and there congealed. Snow is a great Cloud congealed by great cold before it can be dissolved, store of snow in Winter, a plentifull yeere followeth after; Christall is made by snow melted on high hills, and frozen againe. Commeth so hard.

Comets or Blazing stars are exhalations hot and dry, of great quantity hot and clammy, compacted like a great lump of pitch, which the Sun by his heat draweth out of the earth

A Prognostication.

earth into the highest Region of the ayre, and there by the heat of the place set on fire, and appeareth like a star with a bushie taile, and lasteth so long as there is substance to burn: an evident token of a corrupted ayre; some write, a signe of Earthquakes, Wars, death of great personages, of Plagues, to be the yeere after their appearing, especially, to the climate where it appeareth, fore-runners of great destructions, corruption of earthly things, signes of stormes and tempestuous weather. In the highest Region is engendred Comets, or Blazing stars, and such like of diu sorts. In the middle Region, Cloudes, Stormes, Raine, and Wind: In the lowest Region, Dew, Frost, Hoare frost, Mists, bright rods: Candles burning about Graves and Gallowes, where there is store of clammy, fatty, or oyle substance, also lights, and flaming fires scene in fields, &c.

The foolish fire, or Will with the Wispe, that frighteth sooles in the nights, is an exhalation kindled by meanes of violent moving, when by cold of the night in the lowest Region of the ayre, it is beaten down, and then commonly if it be light seeketh to ascend upward, and is sent down again so it danceth up and down, if it move not up and down, it is a lump of oyle clammy matter, that by the moving of the heat in it selfe, is inflamed of himselfe: as moist Hay will be kindled of it self in hot and fenny Countries, these lights are often scene; why they lead men out of their way is, that when men take heed to such lights, and also sore afraid, they forget their way, and then being once out of their way, they wander they wot not where, to waters, pits, and to other dangerous places, which when at length they hap to find the way home, will tell a great tale, how they have been led by a Spirit in the likenesse of fire.

Stars never fall as many suppose, for God hath set them fast for ever: if Stars in Winter seeme to sparkle, is a signe of Frost to follow.

Wind is by many exhalations drawn from the earth, and enforced back runneth about the same. Whirle-

Langley, 1648.

Whirlewinds are winds breaking out of a cloud rowling or winding about, overthrowing that standeth neere it, and that which commeth before; it carrieth with it aloft in the ayre. Sometimes a whirlwind is set on fire within the cloud and then breaking forth, flyeth round like a great Cart-wheele terrible to behold, burning and overthrowing all dry things that it commeth neere.

Earthquakes are plenty of winds gotten into the Caverns of the Earth, and the Earth again closing causeth the shaking thereof. And as some write, is a token of wars, the absence of wind long, the Sun overcast without any clouds, terrible noyses heard in the ayre, as the clattering of Armour, howlings, buellings, foretell of some Earthquake to ensue.

Thunder is an exhalation hot and dry, mixt with moisture, carried up into the middle Region, there inclosed in the body of a Cloud, these two contrarities shut up together, fall at variance, and break the Cloud, the rending of the Cloud we call Thunder, the Fire Lightning, the Bolt, grosse substance engendred between these vapours; Thunder at night, great Tempests follow: some write, Winters Thunder Summers wender.

Dry Lightning burneth not, the moist blaſteth, but the cleere melteth Money in purses, draweth wine out of vessels, breaketh the bones, killeth the Child in the wombe: and yet the purse, the vessel, the flesh, the mother, not touched, nor hurt. Lightning do allay winds; The extraordinary shooting of stars shew Lightning to follow.

The Ebbing and flowing of the Sea is caused by the course of the Moon, which ruleth over moisture as the Sun over heat, for from the new Moone to the full all humors do encrease, and from the full to the new, decrease again. The Sea swelling about the shore, winds follow; winds blowing hard in the South, and turning presently into the North, great Tempest on the Sea; raine after a sterme, smeth the winds: Also the Moone at full or change in

A Prognostication.

Aries Leo, or in *Sagittarius*, in Winter faire, in Summer hot weather, chiefly in *June* and *July*, but being at the same time in *Taurus*, *Virgo*, or *Capricorn*, in Winter cold, in Summer temperate: If in *Libra*, *Gemini*, *Aquarius*, wind more especially in harvest, but it in *Cancer*, *Scorpio*, *Pisces*, in Winter moist weather, in Summer temperate.

Hoist up saile the Moone decreasing, swift in course separated, or well applyed to *Iupiter*, or *Venus*, but not when she is placed under *Saturne*, or *Mars*: referring thy selfe Ship, Goods, and Company, to God and his holy Angels protection, and pray God also to send thee safely to thy desired havens.

Nostrum in Caelo negotium.

FINIS.

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